

Title (en)  
Thin-walled container

Title (de)  
Dünnwandiger Behälter

Title (fr)  
Récipient à paroi mince

Publication  
**EP 1468930 B2 20190306 (EN)**

Application  
**EP 03008634 A 20030415**

Priority  
EP 03008634 A 20030415

Abstract (en)  
[origin: EP1468930A1] The present invention concerns a container having a body (1) formed by a wall or walls (4) with a diameter S1 and at least a neck (2) with a diameter S2, made from a semi-crystalline PET, having a wall thickness of less than 100  $\mu$ m, substantially in the middle of its body and having a complex, three dimensional shape (3) convenient for gripping, this part having a diameter S3. <IMAGE>

IPC 8 full level  
**B65D 23/10** (2006.01)

CPC (source: EP KR US)  
**B29C 49/0042** (2013.01 - EP US); **B29C 49/10** (2013.01 - EP US); **B29D 22/003** (2013.01 - US); **B65D 1/02** (2013.01 - KR US); **B65D 1/14** (2013.01 - KR); **B65D 1/26** (2013.01 - KR); **B65D 23/10** (2013.01 - KR); **B65D 23/102** (2013.01 - EP US); **B29C 49/06** (2013.01 - EP US); **B29C 49/087** (2022.05 - EP); **B29C 2049/7879** (2022.05 - EP); **B29C 2949/0715** (2022.05 - EP); **B29K 2995/0041** (2013.01 - EP US)

Cited by  
WO2009053616A1; EP1954624B1; US9725293B2; FR2922146A1; AU2008315892B2; FR2922147A1; CN101842216A; EP2361875A1; EP3100975A1; FR2922151A1; US2021214114A1; US11964792B2; WO2014101957A1; WO2009053615A3; WO2009053617A3; WO2014101956A1; US9828166B2; US8043552B2; US9011756B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)  
AL LT LV MK

DOCDB simple family (publication)  
**EP 1468930 A1 20041020; EP 1468930 B1 20101222; EP 1468930 B2 20190306**; AP 2005003414 A0 20051231; AR 046486 A1 20051214; AT E492482 T1 20110115; AU 2004230189 A1 20041028; BR PI0409323 A 20060425; BR PI0409323 B1 20160412; CA 2521310 A1 20041028; CA 2521310 C 20120313; CL 2004000814 A1 20050204; CN 100355631 C 20071219; CN 1774370 A 20060517; CO 5660282 A2 20060731; DE 60335447 D1 20110203; EA 007761 B1 20061229; EA 200501616 A1 20060224; EP 1633642 A1 20060315; ES 2355715 T3 20110330; ES 2355715 T5 20191022; HR P20050888 A2 20051231; HU P0501101 A2 20060428; JP 2006523580 A 20061019; KR 20060023525 A 20060314; MA 27789 A1 20060301; MX PA05010983 A 20060308; MY 140356 A 20091231; OA 13118 A 20061110; PL 204874 B1 20100226; PL 378819 A1 20060529; PT 1468930 E 20110124; TN SN05263 A1 20070710; TW 200513411 A 20050416; US 10266298 B2 20190423; US 2006261027 A1 20061123; US 2013213922 A1 20130822; WO 2004092029 A1 20041028; ZA 200509180 B 20070228

DOCDB simple family (application)  
**EP 03008634 A 20030415**; AP 2005003414 A 20040326; AR P040101257 A 20040414; AT 03008634 T 20030415; AU 2004230189 A 20040326; BR PI0409323 A 20040326; CA 2521310 A 20040326; CL 2004000814 A 20040415; CN 200480009858 A 20040326; CO 05104373 A 20051012; DE 60335447 T 20030415; EA 200501616 A 20040326; EP 04723536 A 20040326; EP 2004003194 W 20040326; ES 03008634 T 20030415; HR P20050888 A 20051007; HU P0501101 A 20040326; JP 2006504868 A 20040326; KR 20057019700 A 20051015; MA 28530 A 20051003; MX PA05010983 A 20040326; MY PI20041302 A 20040409; OA 1200500287 A 20040326; PL 37881904 A 20040326; PT 03008634 T 20030415; TN SN05263 A 20051014; TW 93110568 A 20040415; US 201313849217 A 20130322; US 55332905 A 20051206; ZA 200509180 A 20051114